

EMBEDDED SYSTEM FOR DIAGNOSTICS AND PROGNOSTICS OF CONDUITS

Abstract:

An apparatus providing a means for assessment of the integrity of insulated conduits, harnesses, cables, pipelines and other interconnection systems constructed with integral sensitized media, discrete sensors, and electronics providing a means for transforming sensed data into information and a means for communicating information for the purpose of understanding the location, degree and risk of damage and deterioration, and the probable causes thereof.

1. A system for assessing the integrity of insulated conduits, harnesses, cables, pipelines and other interconnection systems constructed with integral sensitized media, discrete sensors, and electronics providing a means for transforming sensed data into information and a means for communicating information for the purpose of understanding the location, degree and risk of damage and deterioration, and the probable causes thereof.